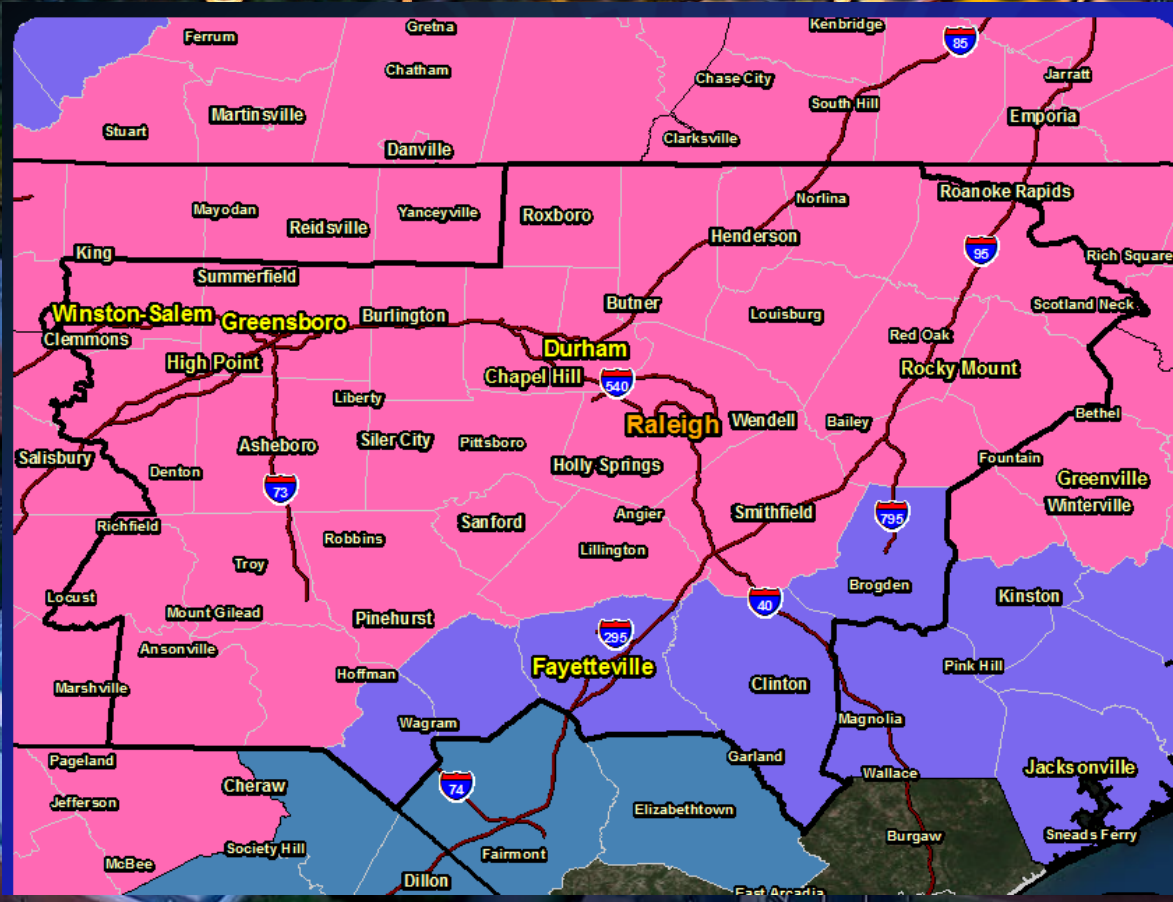




Winter Weather Briefing for Central North Carolina Covering the period January 06-07, 2017



- Winter Storm Warning
- Winter Storm Watch
- Winter Weather Advisory

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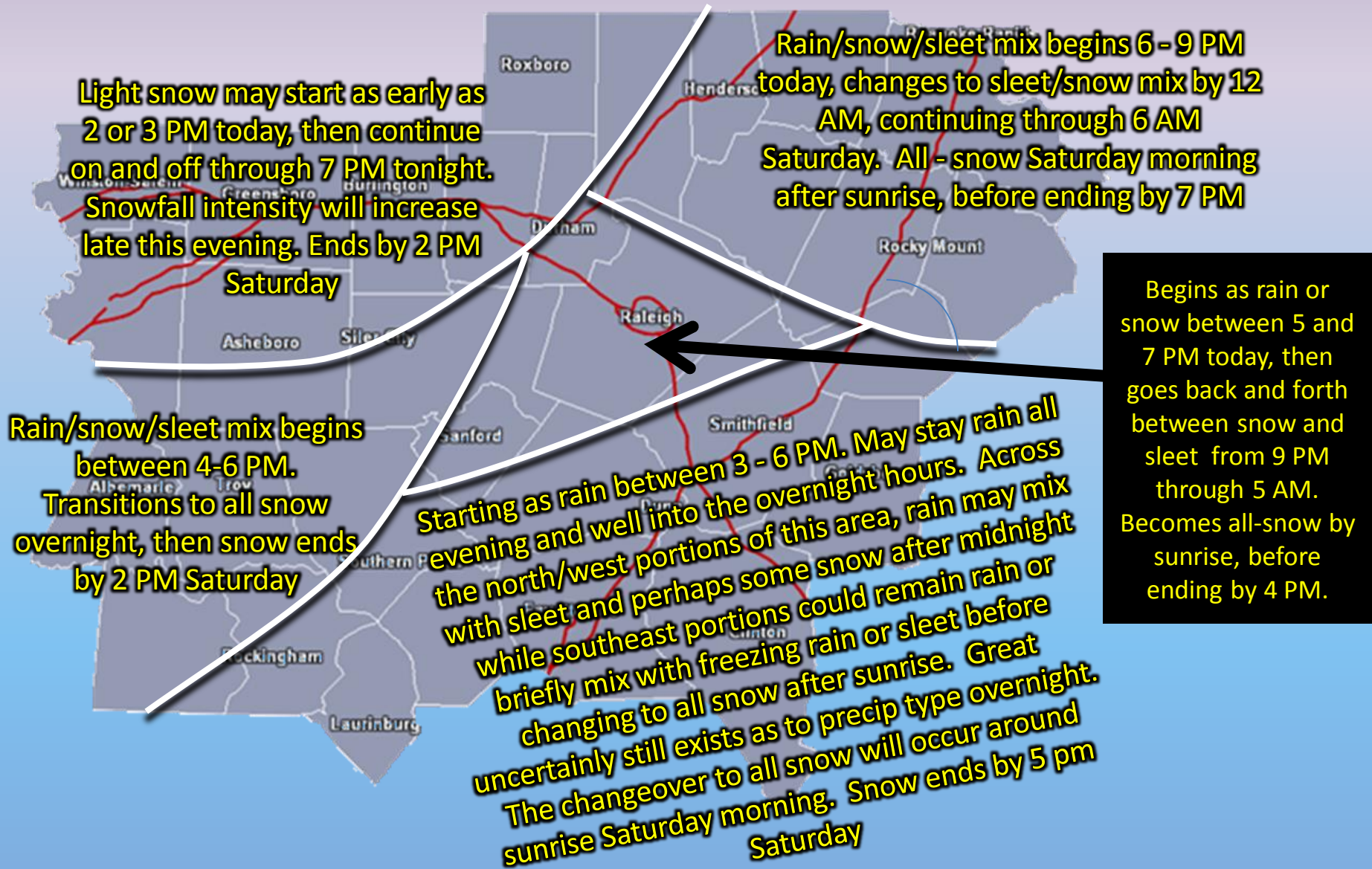
Updated at 6:00 AM, January 06, 2017

<http://www.weather.gov/media/rah/briefing/NWSRaleighLatestBriefing.pdf>

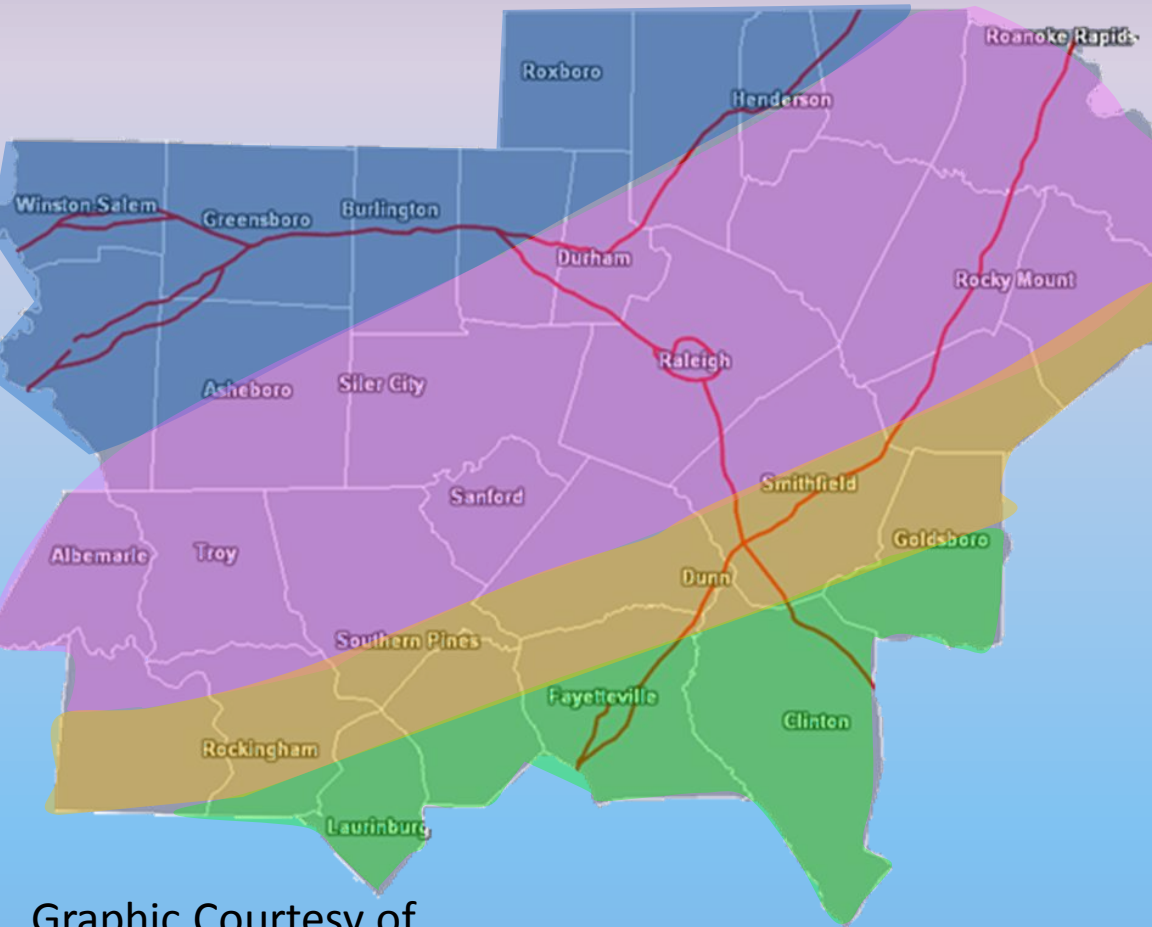
Changes since our last briefing

- Winter Storm Warnings are still in effect for much of central North Carolina. A Winter Weather Advisory is now in effect across the Sandhills and Southern Coastal Plain, where confidence in precipitation type and total accumulations remains low.
- Snow accumulation forecasts have increased along and north of the US-64 corridor with a swath of 6-9 inches possible.
- Slight northward shift in axis of heaviest snow.
- Decrease in the accumulation forecast across the far south, with higher likelihood of a longer duration of rain expected.

Precipitation start, end, and transition times



Winter Storm Hazard/Impact Severity by Area January 6-9, 2017



- Light snow may start as early as 2 or 3 PM today, then remains snow into tonight. Ends by 2 PM Saturday. 6-9 inches of snow, resulting in dangerous travel conditions tonight and Saturday.
- Black ice will then present a travel problem during the night and morning hours through Tuesday morning.

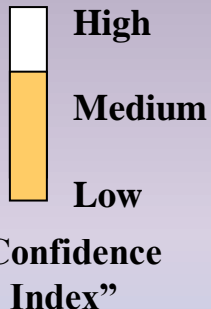
- Precipitation will start as rain or snow, transition to snow/sleet overnight, then all snow by sunrise.
- 6-9 inches of snow possible, higher in isolated spots.
- The weather and travel conditions will deteriorate late this evening, becoming difficult if not impossible overnight into Saturday morning. Travel is not recommended during this time. Dangerous travel conditions will continue through the rest of the weekend.
- Black ice will then present a travel problem during the night and morning hours through Tuesday morning.

- This area may see a prolonged period rain into the overnight, then a mix of rain or sleet before changing to all snow around sunrise.
- The sleet may cut down on snow totals, but the impact and hazards will be the same – namely very hazardous travel conditions after midnight tonight, through Saturday.
- 2-4 inches of snow possible in this area.
- Black ice will then present a travel problem during the night and morning hours through Tuesday morning.

- Rain likely this evening, and well into the overnight hours. However, it will gradually mix with sleet and snow, and possibly freezing rain, from north to south beginning around sunrise Saturday morning.
- Conditions will vary greatly from north to south. The least amount of frozen precip is expected farther south. Remember that even a small amount of snow, sleet, or freezing rain on the roads can result in dangerous travel conditions.
- Black ice may be a problem into early next week.

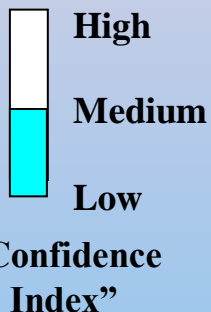
Graphic Courtesy of
NWS Raleigh, NC
Updated at 6:00 AM
Friday, January 6, 2017

Our Confidence



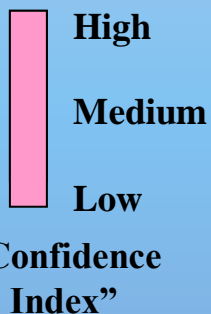
- **Timing:** Medium/High Confidence.

- High confidence about when the precipitation arrives and ends, but medium confidence about when any precipitation type change-overs occur, especially points south and east of the Triangle, as that will depend on the track of the storm system.



- **Snow/Ice Amounts:** Medium Confidence.

- Low confidence still regarding exact amounts at any specific location, as a mix of sleet, or a longer duration of rain/sleet will significantly cut down snowfall totals. Even small changes in the track of the storm system will result significant accumulation changes.
- However, high confidence that the highest snowfall totals will be north of US-64, generally from the Greensboro to Roxboro to Roanoke Rapids.



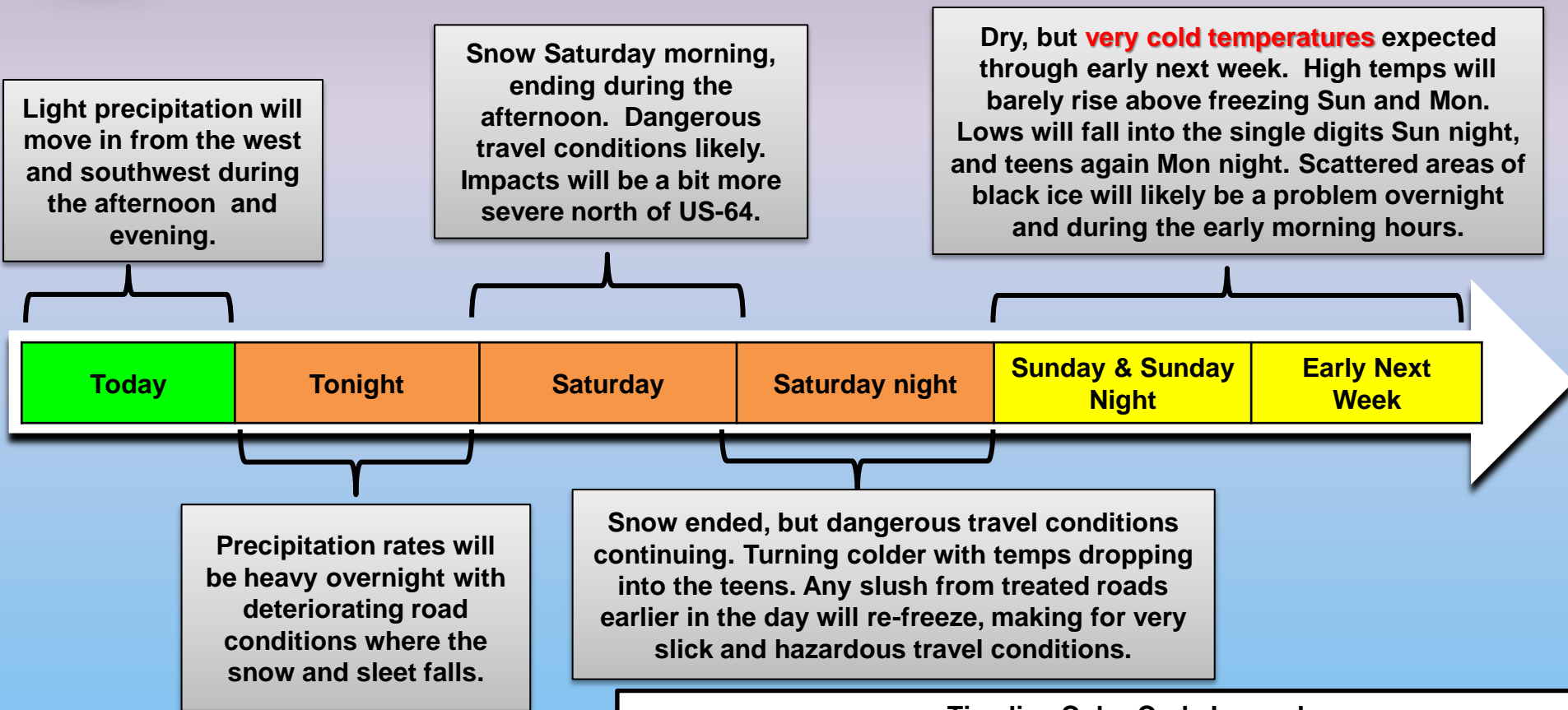
- **Impacts:** High Confidence.

- Regardless of whether the wintry precipitation type is snow or sleet, there will still be enough of it to cause dangerous travel conditions this weekend.



Weather and Impacts Timeline for Central North Carolina

Valid January 06-07, 2017



Timeline Color Code Legend

	No hazardous weather impacts expected
	Isolated and/or modest impacts with minimal threat to life and property
	Localized dangerous impacts that could lead to increased threat to life and property.
	Severe impacts that could lead to significant threat to life and property.
	Extreme impacts with widespread and/or prolonged life-threatening situation.

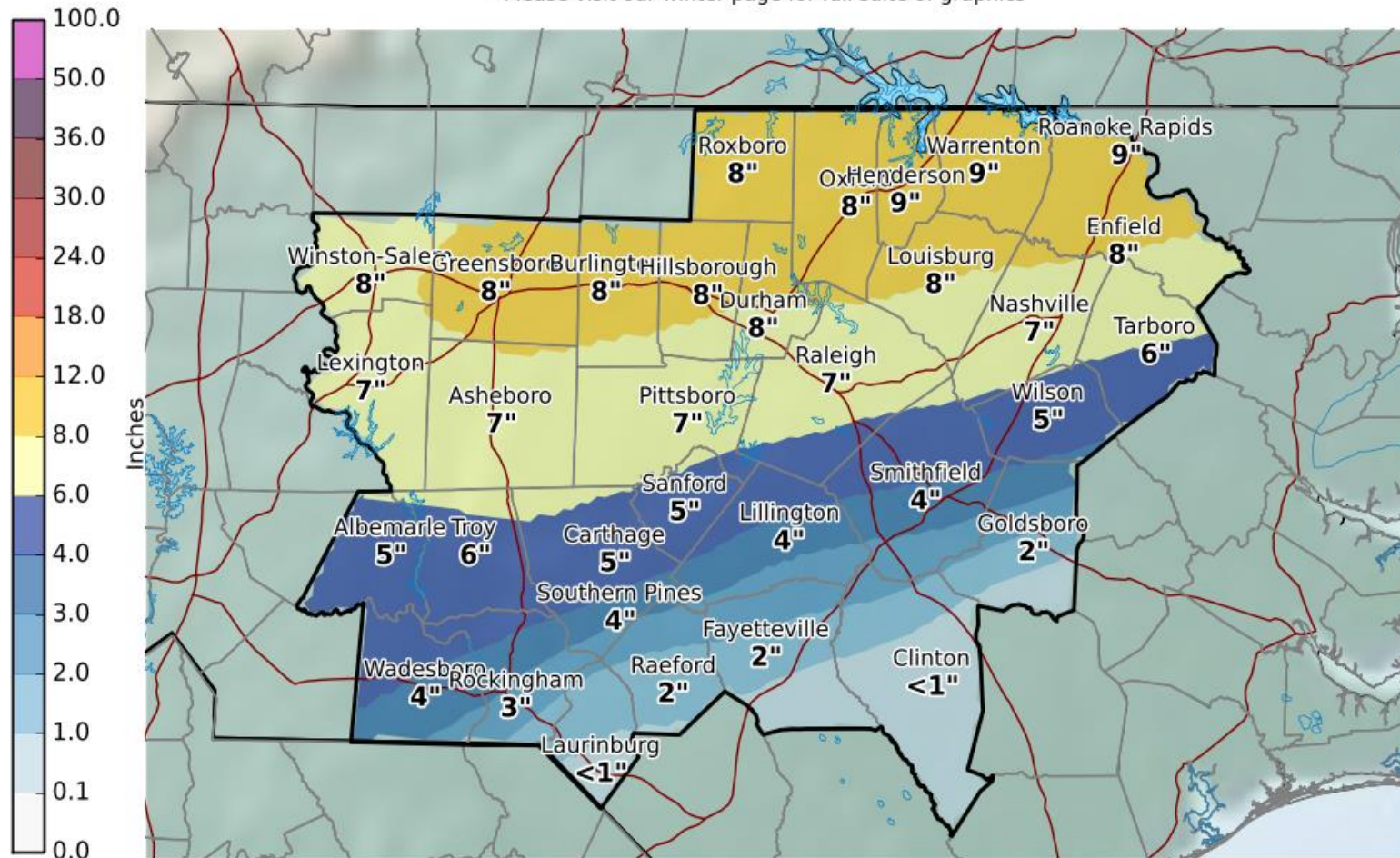
Graphic Courtesy of
NWS Raleigh, NC
Updated at 6:00 AM
Friday, January 06, 2017

MOST LIKELY SNOWFALL BASED ON CURRENT FORECAST

Most Likely Snowfall

Valid: 01/06/2017 04:00 AM - 01/08/2017 07:00 AM

*Please visit our winter page for full suite of graphics



National Weather Service
Raleigh, North Carolina
01/06/2017 04:14 AM EST

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THE RANGE OF POSSIBILITIES

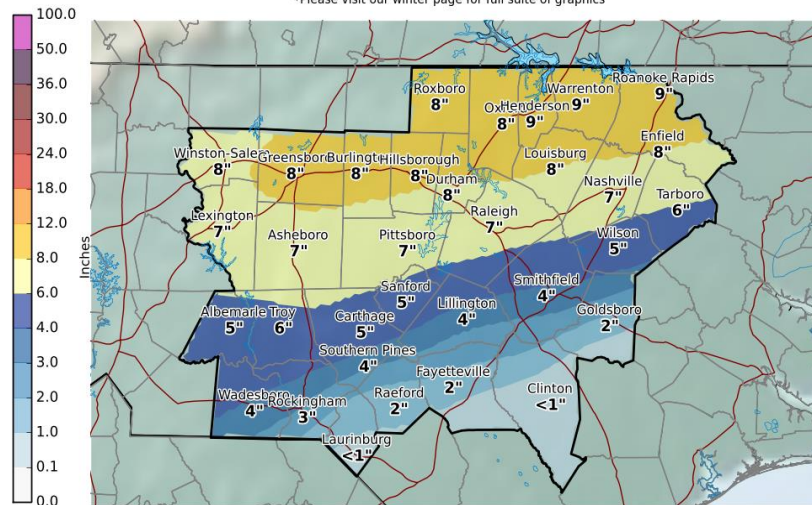
Most Likely Snow Accumulation

Represents our official snow forecast in inches within the next one to three days.

Minimum Potential Accumulation

Expect at least this much. This is what we see as the least amount of snow the storm can produce.

Most Likely Snowfall
Valid: 01/06/2017 04:00 AM - 01/08/2017 07:00 AM
*Please visit our winter page for full suite of graphics



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Raleigh, North Carolina
01/06/2017 04:14 AM EST

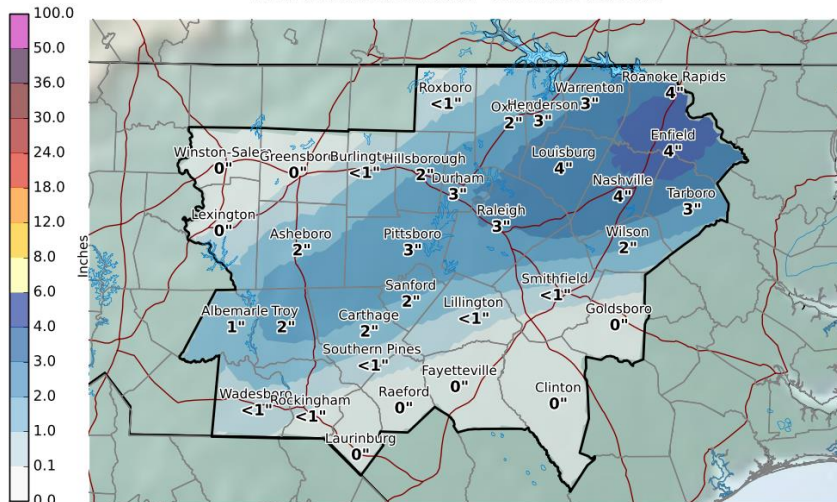
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Maximum Potential Accumulation

This is what we see as the storm's maximum potential snowfall accumulation.

Expect at Least This Much

Valid: 01/06/2017 04:00 AM - 01/08/2017 07:00 AM

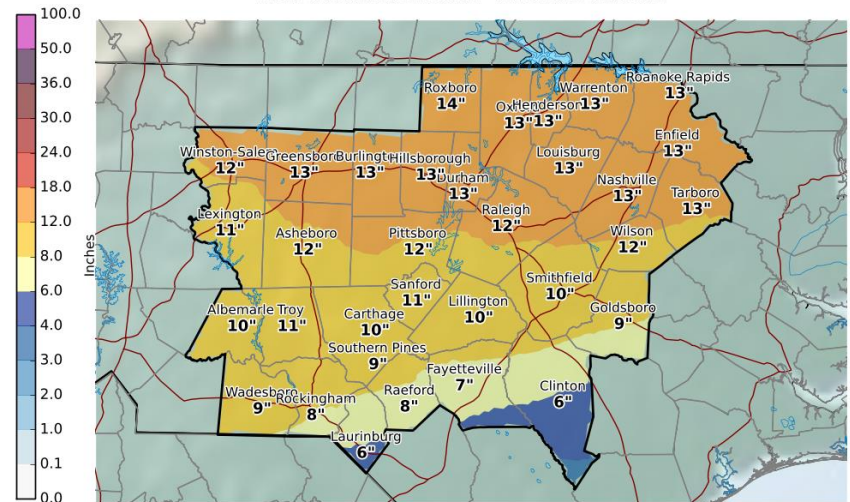


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Potential for This Much

Valid: 01/06/2017 04:00 AM - 01/08/2017 07:00 AM



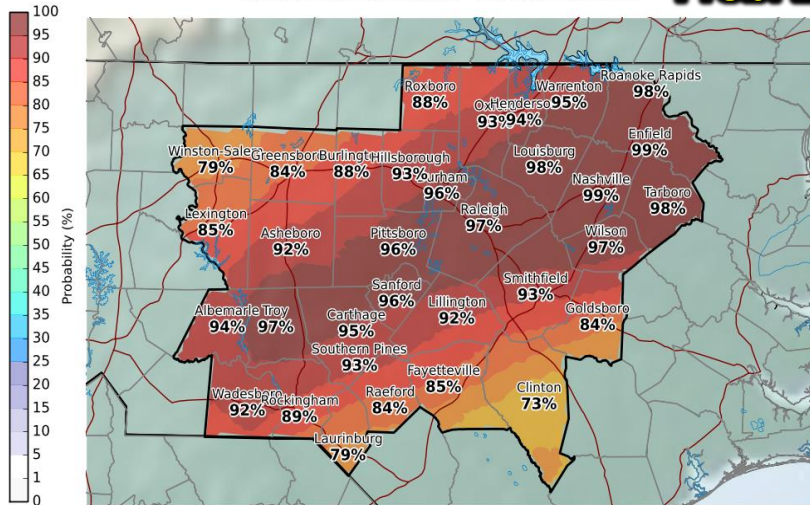
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Per latest forecast: Percent Chance That Snow Will Be Greater Than...

Percent Chance of 0.1" Snow or More
Valid: 01/06/2017 04:00 AM - 01/08/2017 07:00 AM

Prob. $\geq 0.1"$

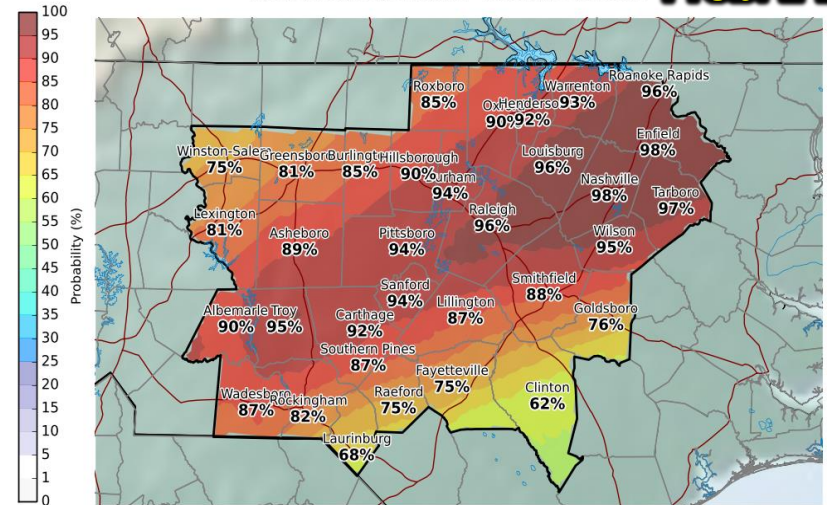


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01/06/2017 04:18 AM EST

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Percent Chance of 1" Snow or More
Valid: 01/06/2017 04:00 AM - 01/08/2017 07:00 AM

Prob. $\geq 1.0"$

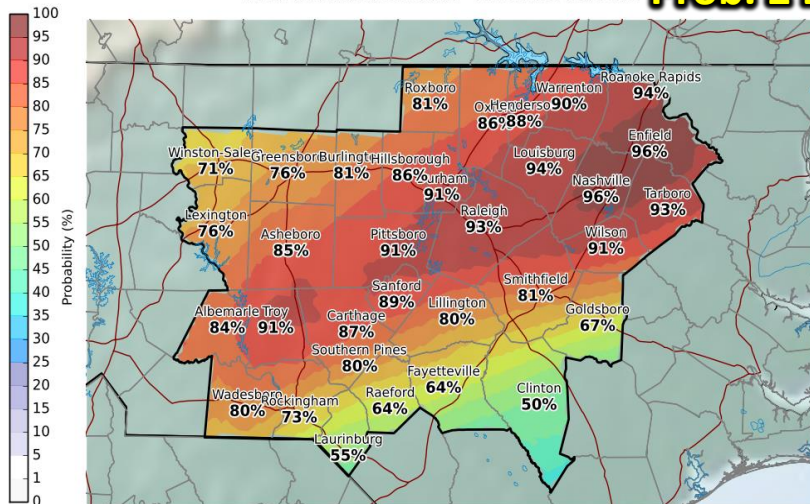


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Raleigh, North Carolina
01/06/2017 04:19 AM EST

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Percent Chance of 2" Snow or More
Valid: 01/06/2017 04:00 AM - 01/08/2017 07:00 AM

Prob. $\geq 2.0"$

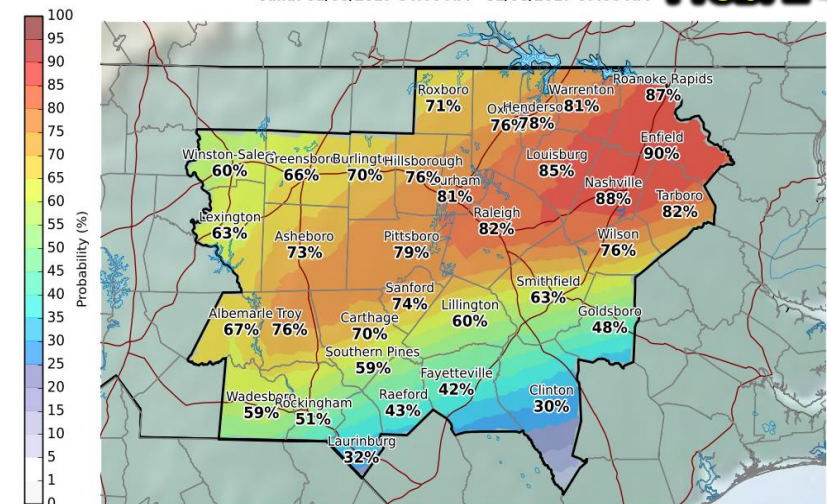


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Raleigh, North Carolina
01/06/2017 04:20 AM EST

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Percent Chance of 4" Snow or More
Valid: 01/06/2017 04:00 AM - 01/08/2017 07:00 AM

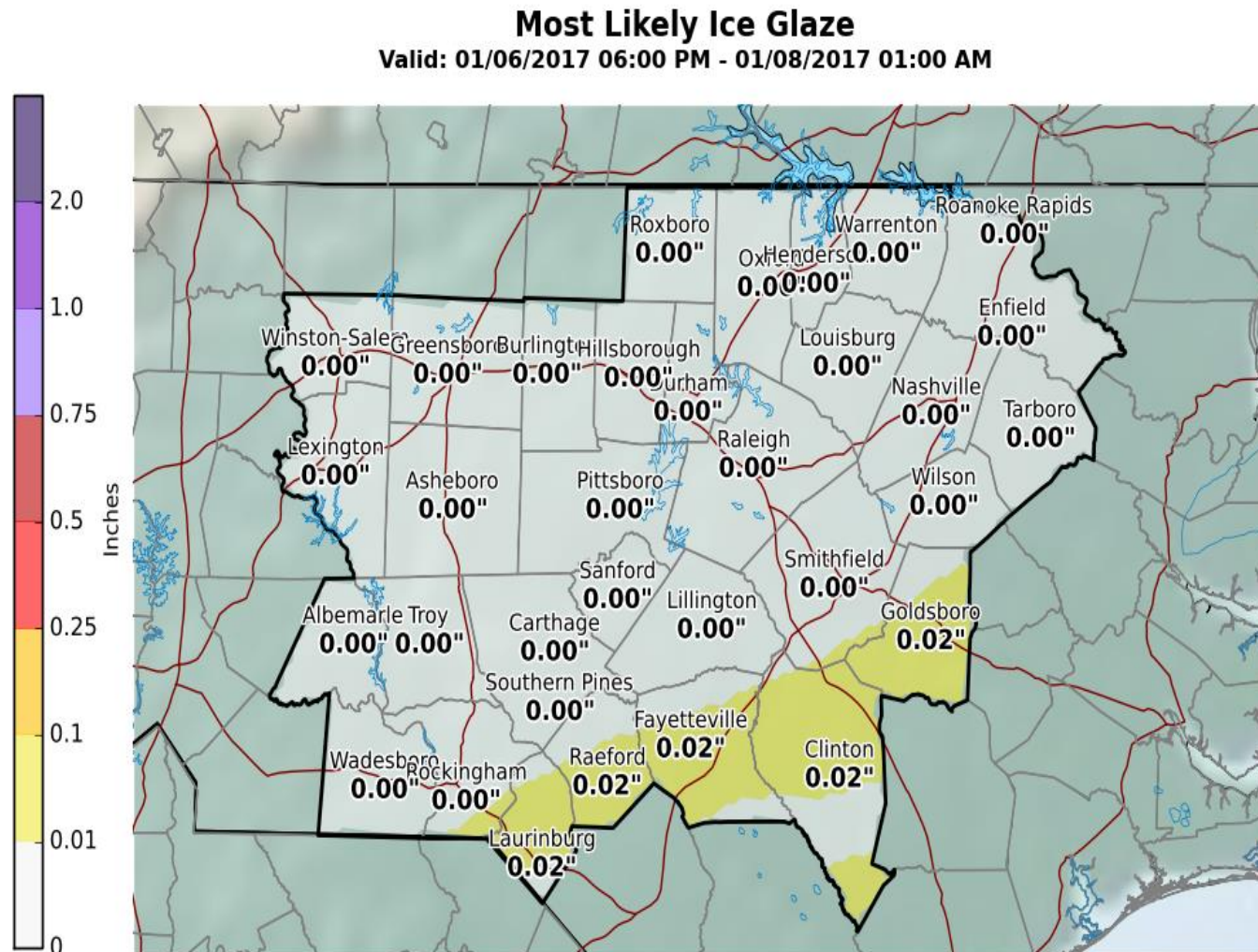
Prob. $\geq 4.0"$



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Raleigh, North Carolina
01/06/2017 04:21 AM EST

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weather.gov/raleigh/winter

This map shows how much ice may accumulate due to freezing rain.

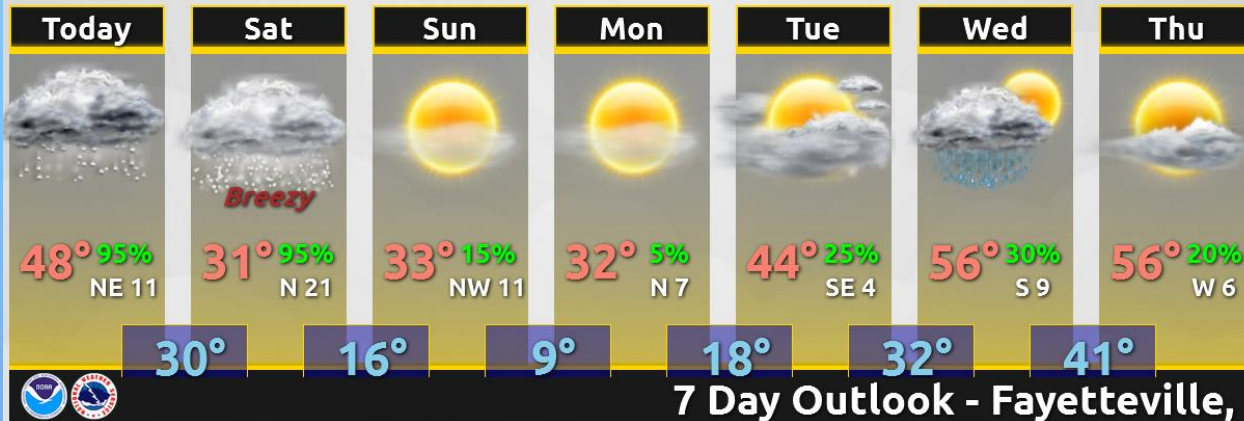
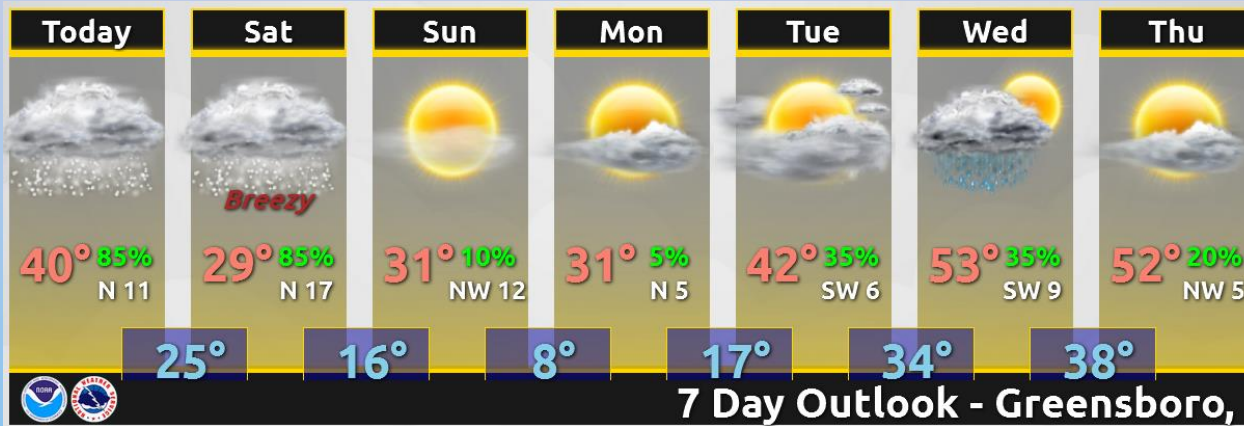
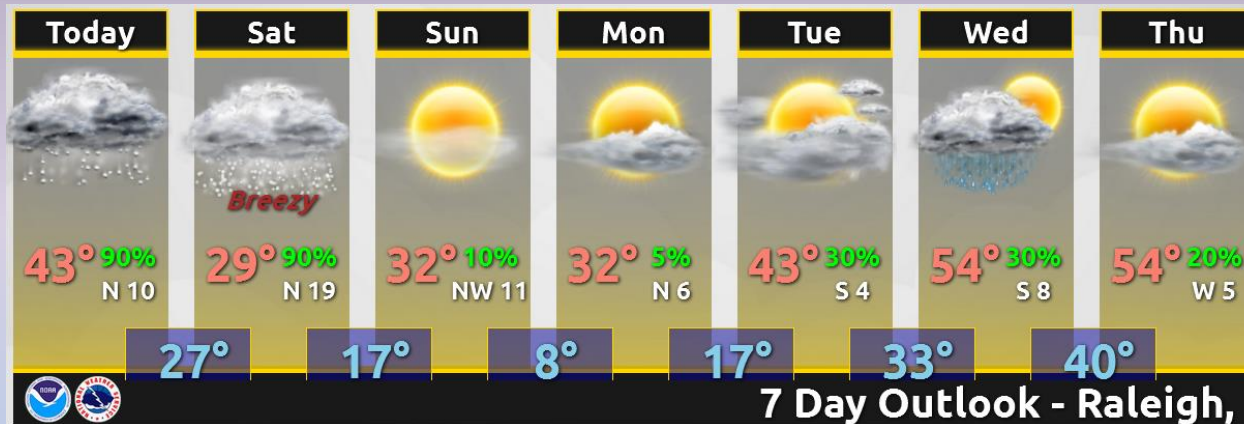


National Weather Service
Raleigh, North Carolina
01/06/2017 04:26 AM EST

Follow Us:   
weather.gov/raleigh/winter

Very Cold Sunday into Early Next Week

Dry, but **very cold temperatures** expected Sunday through early next week. High temps will struggle to reach freezing Sunday and Monday, and will fall into the teens Saturday night, single-digits Sunday night, and teens again Monday night. Places that have a solid snowpack will see even colder temperatures. Scattered areas of black ice will likely be a problem during the night into the morning hours Sunday through Tuesday.



Other Misc Notes

- Any freezing rain accumulations should not result in widespread power outages.
- Wind should remain below 20 mph throughout much of this event, however, could see a few 20+ mph wind gusts as the precipitation is winding down during the day Saturday.
- Please take this winter weather event as an opportunity to try our new “range of possibilities” snow maps, available online at <http://www.weather.gov/rah/winter>
- Next briefing will be issued by 5 PM today, or earlier as needed.

Wind and Temperature Details

- For specific hour-by-hour forecast details for your exact location, please visit <http://forecast.weather.gov/gridpoint.php?site=rah&TypeDefault=graphical>
- This link will include hour-by-hour forecasts for temperature, wind, wind gusts, wind chill, snowfall amounts, etc.

For conditions across the rest of North Carolina

- Northeast NC: <http://weather.gov/akq>
- Eastern NC: <http://weather.gov/mhx>
- Southeast NC: <http://weather.gov/ilm>
- Central NC: <http://weather.gov/rah>
- Northwest NC (& mountains): <http://weather.gov/rnk>
- Southwest NC (& mountains): <http://weather.gov/gsp>
- Cherokee and Clay Counties: <http://weather.gov/mrx>